L 7879-66 EWT(m)/EPF(c)/EWP(j)/T RPL RM

ACC NR: AP5025030 SOURCE CODE: UR/0286/65/000/016/0083/0083

AUTHORS: Belyayev, V. A.; Gromova, V. A.; Zemit, S. V.; Kavrayskaya, N. L.; Kopylov, Ye. P.; Kosmodem'yanskiy, L. V.; Kostin, D. L.; Kut'in, A. M.; Lazaryants, E. O.; Romanova, R. O.; Tsaylingol'd, V. L.; Shikhalova, K. P.; Shushkina, Ye. N.

ORG: none

TITLE: Method for obtaining synthetic rubber. Class 39, No. 173942

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 83

TOPIC TAGS: rubber, synthetic rubber, butadiene, styrene, polymer, copolymer, polymerization

ABSTRACT: This Author Certificate presents a method for obtaining synthetic rubber by polymerization or copolymerization of dienes with vinyl monomers, for example, butadiene with α-methylstyrene, in aqueous emulsion at low temperatures in the presence of known free-radical-initiators and regulators employing emulsifiers. To improve the polymer properties, esters of monoalkylbenzoic acid are used as emulsifiers.

SUB CODE: 11,07/ SUBM DATE: 03Jul63

Card 1/1 nw UDC: 678.762 678.762-134

KOSMODEM'YANSKIY, L.V.; FARBEROV, M.I.; LAZARYANTS, E.G.; SHUSHKINA, Ye.N.; ROMANOVA, R.G.

Effect of the colloid-chemical characteristics of soaps on the polymerization kinetics and properties of latex. Koll. zhur. 27 no.6:833-838 N-D '65. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka, Yaroslavl'. Submitted June 30, 1964.

L 34418-66 EWT(m)/EWP(j) IJP(c) RM

ACC NR: AP6010546 (A) SOURCE CODE: UR/0069/65/027/006/0833/0838

AUTHOR: Kosmodem'yanskiy, L. V.; Farberov, M. I.; Lazaryants, E. G.; Shushkina, Ye. N.; Romanova, R. G.

ORG: Scientific Research Institute of Monomers for Synthetic Rubber, Yaroslavl' (Nauchno-issledovatel'skiy institut dlya sinteticheskogo kauchuka)

TITLE: Effect of the colloidal-chemical characteristics of soaps on the polymerization kinetics and properties of latex 16

SOURCE: Kolloidnyy zhurnal, v. 27, no. 6, 1965, 833-838

TOPIC TAGS: particle size, polymerization kinetics, soap, emulsion polymerization

ABSTRACT: The colloidal-chemical characteristics of potassium salts (soaps) of di-tert-butylbenzoic acid (DTBBA) and their relation to the kinetics of emulsion polymerization were studied by carrying out the emulsion copolymerization of bivinyl and α-methylstyrene with these soaps and their mixtures. The soaps were found to have a low solubilizing capacity and a high value of the critical concentration of micelle formation (CCMF) as compared to soaps of disproportionated rosin and synthetic fatty acids. The rate of emulsion polymerization is determined primarily by the quantity and nature of the micellar soap present in the system. The quantity of the micellar soap in the mixture undergoing polymerization determines the character of the change

Card 1/2 UDC: 541.18:542.952/954

2/2 RIG

L 44199-66 EWT(m)/EWP(j)/T LJP(c) WW/RM

ACC NR: AP6015673 (A) SOURCE CODE: UR/0413/66/000/009/0076/0076

INVENTOR: Lazaryants, E. G.; Aleshin, A. M.; Gromova, V. A.; Zemit, S. V.; Kopylov, Ye. P.; Kosmodem'yanskiy, L. V.; Romanova, R. G.; Troitskiy, A. P.; Tsaylingol'd, V. L.; Shikhalova, K.P.; Shushkina, Ye.N.; Kostin, D. L.

ORG: none

TITLE: Preparation of divinyl-alpha-methylstyrene rubber. Class 39, No. 181294

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 76

TOPIC TAGS: rubber, methylstyrene rubber, alpha methylstyrene, divinyl

ABSTRACT: This Author Certificate introduces a method of preparing divinyl-alpha-methylstyrene rubber by emulsion copolymerization of divinyl with alpha-methylstyrene at 20C and above in thr presence of persulfate initiators and emulsifiers. To increase the polymerization rate and improve the conditions for the granular coagulation of latex, commercial grades of sodium salts of the synthetic fatty acids C_{10}-C_{16}

Card 1/2 UDC: 678.762.2-134.62

L 44199-66

ACC NR: AP6015673

are suggested as emulsifiers in the following composition (%): C_{10}, 5—7; C_{11}, 12—14; C_{12}, 16—17; C_{13}, 15—17; C_{14}, 12—13; C_{15}, 9—10; C_{16}, 7—8; below C_{10} and above C_{16}, 15—20. [Translation] [LD]

SUB CODE: 11/ SUBM DATE: 12Mar62/

Card 2/2 JS

L 47175-66 EWT(m)/EWP(j)/T/EWP(v) IJP(c) WW/RM

ACC NR: AP6032177 (N) SOURCE CODE: UR/0069/66/028/005/0675/0677

35
33
B

AUTHOR: Kopylov, Ye. P.; Lazaryants, E. G.; Epshteyn, V. G.

ORG: Scientific Research Institute of Monomers for Synthetic Rubber (Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka); Yaroslavl' Technological Institute (Yaroslavskiy tekhnologicheskiy institut)

TITLE: Effect of labile bonds on the adhesive properties of rubber mixtures based on pyridine and carboxyl-containing resins

SOURCE: Kolloidnyy zhurnal, v. 28, no. 5, 1966, 675-677

TOPIC TAGS: rubber adhesive property, synthetic resin, bond formation effect, RUBBER, ADHESIVE BONDING, PYRIDINE

ABSTRACT: To determine the effect of labile hydrogen bonds on the adhesive properties of rubber compositions in the contact zone, mixtures containing rubber 100, Rubrax 5, stearin 2, ZnO 5, and channel black 50 parts were prepared and pressed for 20 min at 55C between aluminum foils to form thin (~4 mm) plates. After 2 and 24 hr standing periods, strips (cut out from the plates) were pressed together for 15 sec under 1 kg pressure and then separated using 300 g weights. The adhesion was indicated by the time of complete separation of the plates. Adhesion of the mixtures varied depending on the rubber used and on the substitution of the other components of the initial mixture. Addition of eight parts of rubresine (a condensation product of p-nonylphenol and formaldehyde) to the compositions containing SKMVP-15ARK rubber (a copoly-

Card 1/2 UDC: 541.183:541.64

Card 2/2 blg

L 47175-66

ACC NR: AP6032177

mer of 1,3-butadiene and 2-methyl-5-vinylpyridine with 85:15 proportion in the initial mixture) increased the adhesion from 1 min (without rubresine) to 8 min for complete separation. This is attributed to the formation of hydrogen bonds between the phenol and pyridine groups, since the phenol groups are weak acids and the pyridine groups are weak bases. Rubber specimens based on the carboxyl-containing resin SKS-30-1 SKS-25-MVP-5ARK (copolymer of 1,3-butadiene, styrene, and 2-methyl-5-vinylpyridine in proportion of 70:25:5). The adhesion of SKS-30-1 to SKS-25-MVP-5ARK was about the same as to SKS-30-1 itself. The increased adhesion of the SKS-30-1 resin is also attributed to the formation of labile bonds. The adhesion of rubbers increased with increasing content of methylvinylpyridine. In all cases, rubbers containing the alkaline lamp black Fillblack O (HAF) have lower adhesion than those with channel black (with acid properties). This is attributed to the higher number of OH groups in the channel black than in the lamp black. The OH groups on the carbon black surface from labile bonds with the pyridine groups of the rubber. Orig. art. has: 2 tables. [PS]

SUB CODE: 07/ SUBM DATE: 11Jun65/ ORIG REF: 005/ OTH REF: 004/ ATD PRESS: 5090

Card 2/2 blg

ACC NR: AP7002541 (A) SOURCE CODE: UR/0413/66/000/023/0017/0017

INVENTOR: Lazaryants, E. G.; Ivanova, A. I.; Kopylov, Ye. P.; Bogomolov, B. D.; Bugrov, V. P.; Pisarenko, A. P.; Rubina, S. I.; Chudakov, M. I.; Kosmodem'yanskiy, L. V.; Yemel'yanov, D. P.; Tsaylingol'd, V. L.

ORG: none

TITLE: Method of obtaining active lignin. Class 12, No. 188966

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 17

TOPIC TAGS: rubber, active lignin, lignin, organic solvent, rubber chemical

ABSTRACT: This Author Certificate introduces a method of preparing active lignin by treatment with alkali. To increase the reinforcing properties of the lignin when it is introduced into rubber in the dry state, an alkali solution of the lignin is treated with water-soluble organic solvents such as alcohols, ketone, and rosin soap precipitated with an acid in the finely disperse state and then dried. [Translation] [NT]

SUB CODE: 07/SUBM DATE: 17Feb64/

Card 1/1 UDC: 547.992.3-188.07

BIELIUKAS, K.; CHOMSKIS, V., dots., red. vypuska; CERVINSKAS, E., red.; GUDELIS, V., glav. red.; LASINSKAS, M., red.; LAZAUSKAS, J., red.; MACIONIS, A., dots., red.; STYRA, B., red.

[Principles of limnology] Ezerotyros pagrindai. Vilnius, Lietuvos TSR Mokslu akademijos geologijos ir geografijos institutas, 1961. 357 p. (MIRA 15:3)

1. Vil'nyusskiy gosudarstvennyy universitet im. Vintsasa Kapsukasa (for Chomskis). 2. Rukovoditel' sektora Instituta geologii i geografii Akademii nauk Litovskoy SSR (for Gudelis). 3. Rukovoditel' laboratorii Instituta energetiki e elektrotekhniki Akademii nauk Litovskoy SSR (for Lasinskas).
(Limnology)

LAZAUSKAS, M.

Changes in the composition of milk of Latvian Black Pied cows during lactation. M. Lazauskas. *Sbornik Doklados Vsesoyuz. Soveshchan po Molochnomu Delu* 1955, 194-5.—The av. compn. of milk of 12 Latvian Black Pied cows was: fat 3.33, casein 3.03, lactose 4.43, ash 0.647, Ca 0.119, P 0.103, and Cl 0.102%. Lactational variations in the main 3 milk constituents followed the usual trend; the levels of the others remained comparatively const. K. L. C.

ACCESSION NR: AT4022342 S/2851/63/000/034/0217/0223

AUTHOR: Yankovskiy, O. A.; Lazda, A. O.

TITLE: The methodology of permanent implantation of intraosseous electrodes in bone marrow for leading off potentials and stimulating it

SOURCE: AN LatSSR. Institut eksperimental'noy i klinicheskoy meditsiny*. Trudy*, no. 34, 1963. Regionarnoye krovoobrashcheniye i mekhanizmy* yego regulyatsii (Regional blood circulation and its regulation mechanisms), 217-223

TOPIC TAGS: electrode, implanted electrode, intraosseous electrode, electrophysiology, bioelectronics, osteroreception

ABSTRACT: A method of implanting silver electrodes in the upper medial part of the rabbit and cat tibia was developed at the Laboratory of Bioelectronics and Electrophysiology, Institute of Experimental and Clinical Medicine, Academy of Sciences Latvian SSR, to assist in determining the functional condition of the bone marrow in healthy animals under approximately natural conditions. The electrodes form an integral part of a rectangular plastic electrode unit which is

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ACCESSION NR: AT4022342

attached to the bone by two metal or plastic screws (see figure). The position of the three electrodes in the bone marrow permits their use individually or in different combinations with either a small or large inter-electrode distance. The electrodes themselves are made of silver wire with a cross-section of 0.4 mm with an inter-electrode separation of 3 mm, and are insulated with BF-2 insulating glue. The implantation surgery seldom resulted in postoperative complications. Positioning of the electrodes in the bone marrow was checked retgenologically and anatomically. An eight-channel "Al'var" encephalograph and an ENO-1 oscillograph which permit recording of both spontaneous and stimulated electrical activity were used; a "neurovar" generator was used to stimulate nerves and bone marrow. The method is designated for physiological studies of osteoreception, particularly in connection with research on conditioned reflexes.

ASSOCIATION: Institut eksperimental'noy i klinicheskoy meditsiny AN LatSSR (Institute of Experimental and Clinical Medicine)

SUBMITTED: 00

SUB CODE: AM

DATE ACQ: 13Apr64

ENCL: 01

Card 2/2

NO REF SOV: 005

OTHER: 000

IZRAYLEVICH, M.L., inzh.; KOSTYUK, M.A., inzh.; LAZDAN, E.Ye., inzh.

New vibratory conveyers. Mekh.i avtom.proizv. 16 no.3:30-33 Mr '62. (MIRA.15:4)

(Conveying machinery)

LAZDAUSKAS, S. K.

"Brucellosis Affection of the Withers of the Horse." Cand Vet Sci, ~~Leningrad Inst, Kaliningrad~~, 1953. (RZhBiol, No 5, Nov 54)
LITHUANIAN AGRICULTURAL ACADEMY, KAUNAS,
Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

X Rechecked in SOARCE

IZRAILEVICH, M.L.; GINDIN, B.Ya.; LAZDAN, E.Ye.

Soot conveyors for rubber tire plants. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 17 no.2: 14-17 '64. (MIRA 17:6)

LAZDIN, G. V.

67-1-19/20

AUTHOR: Lazdin, G. V. , Engineer, Consultant

TITLE: Answers to Letters to the Editor (Otvety chitatelyam) To the Comrade V. N. Ol'khovik, Shchekino, Tula Oblast (Tov. Ol'khoviku, V.N., Shchekino, Tul'skaya obl.)

PERIODICAL: Kislorod, 1958. Nr 1, pp. 45 - 45 (USSR)

ABSTRACT: Question: Which average amount of cold in kcal. rises in the block for high-pressure of air and in the turbo-detacher of the oxygen plant KT-3600 ?
Answer: The equation corresponding to the mentioned plant runs as follows:

$$Q_{\text{throttle effect}}^{\text{high-pressure}} + Q_{\text{throttle effect}}^{\text{low-pressure}} + Q_{\text{basic current}} + Q_{\text{detacher}} = Q_{\text{not recuperated}} + Q_{\text{surroundings}}$$

where

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Answers to Letters to the Editor. To the Comrade V. N. Ol'khovik, Shchekino, Tula Oblast

67-1-19/20

$Q_{\text{high-pressure throttle effect}}$	denotes the amount of cold of the throttle effect of the high-pressure air (=15350 kcal/h)
$Q_{\text{low-pressure throttle effect}}$	denotes the amount of cold of the throttle effect of the low-pressure air (=5950 kcal/h)
$Q_{\text{basic current}}$	denotes the additional amount of cold occurring in consequence of the inequality of the gas flows in the main heat exchanger of the distribution block (13800 kcal/h).
Q_{detacher}	denotes the amount of cold produced by the turbo detacher.
$Q_{\text{not recuperated}}$	denotes the loss of cold because of incomplete regeneration (= 30000 kcal/h);
$Q_{\text{surroundings}}$	denotes the loss of cold through the insulation into the surroundings (=28800 kcal/h).

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From the equation the value 23700 kcal/h results for Q_{detacher}.

67-1-19/20

Answers to Letter to the Editor. To Comrade V. N. Ol'khovik, Shchekino, Tula Oblast

Thus the operation regime of the oxygen plant KT-3600, with a cold production with regard to high-pressure air under consideration of the additional cold development occurring in consequence of the inequality of the flows in the main heat exchanger, is 29150 kcal/h. In the turbo detacher (as mentioned above) it is 23700 kcal/h.

AVAILABLE: Library of Congress

1. Turbo-detacher-Theoretical analysis

Card 3/3

KLEYNER, G.I.; LAZDIN', V.Ya.

Separation and purification of nystatin. Med.prom. 13 no.9:21-23 S '59. (MIRA 13:1)

1. Rizhskiy zavod meditsinskikh preparatov.
(MYCOSTATIN)

1. STOLIGVO, N., CIYELENS, YE., LAZDINA, V.

2. USSR (600)

4. Tuberculosis

7. Effect of diet on the course of experimental tuberculosis.
Latv. PSR Zin. Akad. Vestis No. 11, 1950

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

1. STOLIGVO, N.; CIELENS, E.; LAZDINA, V.

2. USSR (600)

4. Diet in Disease

7. Influence of diet on the course of experimental tuberculosis Part III. Latv. PSR Zin. Akad. Vestis. 1; 1951

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. GRINSTEYNS, V., LAZDINA, V.

2. USSR (600)

4. Isomerism

7. Investigation of isomeric forms of linoleic and linolenic acids in the natural state, obtained from hempseed oil. Latv. PSR Zin Akad. Vestis No. 8 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

L 35826-66

ACC NR: AP6019490 (A) SOURCE CODE: UR/0197/66/000/005/0083/0089

AUTHOR: Lazdyn', A. A.; Shmidt, A. A.

ORG: Riga Institute of Medicine (Rizhskiy meditsinskiy institut)

36

B

TITLE: Caseinolysate — a rich nitrogenous product useful for parenteral feeding

22

SOURCE: AN LatSSR. Izvestiya, no. 5, 1966, 83-89

TOPIC TAGS: nutrition, protein, hydrolysis, amine, biochemistry

ABSTRACT: Caseinolysate, a name given by the authors to a new protein hydrolysate containing 70% amino nitrogen, is prepared from casein by treatment with pancreatin and kefir yeast (Bacillus caucasicus) To evaluate the energy and plastic properties of the preparation for parenteral feeding, experiments were conducted on 3 dogs. In the first stage of the experiments the animals were given only water to reduce body weight by 10 to 15%. In the second stage the animals were administered a daily parenteral feeding of invert sugar (670 kcal/kg) supplemented with thiamin, riboflavin, nicotinic acid and others for 3 days. In the third stage the animals were administered a daily parenteral feeding of caseinolysate (2 g/kg) for 5 days. The following

Card 1/2

Card 2/2

LAZDYN', V. K.

LAZDYN', V. K. --"Riga (Economic-Geographic Characteristics)." Riga, 1956. (Dissertation for the Degree of Candidate in Geographical Sciences).

So: Knizhnaya letopis', No 8, 1956, pp 97-103

LAZDYN, VIYA KARLOVNA

135M/6
621.8
.14

Riga; ekonomiko-geograficheskiy ocherk /Riga; economic-geographical outline, by/ V.K. Lazdyn' i V.R. Furin. Moskva, Geografgiz, 1957.
94 p. illus., maps.

VENTER, K.[Venters, K.]; GILLER, S.[Hillers, S.]; LAZDYN'SH, A.[Lazdins, A.]

Synthesis in the series of 5-nitro-2-furylpolyalkenyls and 5-nitro-2-furylpolyalkenes. Report 4. Nitration of β-(furyl)-acrolein and synthesis of certain unsaturated furan aldehydes and ketones. Vestis Latv ak no.5:87-97 '61.

1. Akademiya nauk Latviyskoy SSR, Institut organicheskogo sinteza.

BUDZHE, M.M.; BLYUGER, A.F.; DAKHOVKER, S.Ye.; LAZDYNYA, M.A. [Lazdiņa, M.A.]; SHENIGSON, B.S.

Comparative study on various systems of ascariasis therapy using piperazine salts. Med.paraz. i paraz.bol. 28 no.4:436-438 Jl-Ag '59. (MIRA 12:12)

1. Iz Instituta organicheskogo sinteza Akademii nauk (Latviyskoy SSR; kafedry infektsionnykh bolezney Rizhskogo meditsinskogo instituta; Latviyskoy respublikanskoy i Rizhskoy gorodskoy sanitarno-epidemiologicheskikh stantsiy.

(ASCARIASIS therapy)
(PIPERAZINES therapy)

LESIN'SH, K.P. [Lesins, K.], kand.veter.nauk, otv.red.; VAYVARINA, G.F. [Vairarina, G.], kand.veter.nauk, red.; LAZDYNYA, M.A. [Lazdina, M.], red.; TSINOVSKIY, Ya.P., doktor biolog.nauk, red.; TEYTEL'BAUM, A., red.; PILADZE, Ye., tekhn.red.

[Problems in parasitology in the Baltic republics; materials] Voprosy parazitologii v pribaltiiskikh respublikakh; materialy. Riga, Izd-vo Akad.nauk Latviiskoi SSR, 1961. 292 p. (MIRA 15:5)

1. Nauchno-koordinatsionnaya konferentsiya po problemam parazitologii v Pribaltike. 2d, Riga, 1960. 2. Institut biologii AN Latv.SSR (for Lesin'sh). 3. Latviyskaya sel'skokhozyaystvennaya akademiya (for Vayvarina). 4. Sanitarno-epidemiologicheskaya stantsiya Ministerstva zdravookhraneniya Latviyskoy SSR (for Lazdynya).
(BALTIC STATES--PARASITOLOGY)

[illegible]

[illegible] generatsii [illegible]. Vop. fit. [illegible] (MIRA 18:8)

1. Laboratoriya [illegible] (zav. prof. M.A.Skulme) Latviyskogo instituta eksperimental'noy [illegible]ticheskoy meditsiny AMN SSSR, Riga.

TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.; ROSTOVTSEVA, L.I.; KLEYNER, G.I.; NAGLE, A.M.; LAZDYNYA, V.Ya.

Isolation and chemical purification of nystatin. Part 1: Isolation of nystatin from moist mycelium. Med. prom. 14 no.8:18-23 Ag '60. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i Rizhskiy zavod meditsinskikh preparatov.
(MYCOSTATIN)

LAZEANU, L.; DELEANU, T.

Hydrostatic gauging method of densimeters. Metrologia apl 9 no.6:270-277 N-D '62.

SOLOMON,M., chim; LAZEANU,L., fiz.; IELEANU,T., fiz.

Hydrostatic method for gauging the densimeters with the measuring field below 1 g/ml. Metrologia apl 10 no.10:455-459 O'63

LAZEANU, M.

ROMANIA

LAZEANU, M., MD; APOSTOL, N., MD; IONESCU, N., MD; IONESCU, D., MD.

Clinic ORL II, Institute of Medicine and Pharmacy, Bucharest. (Clinia ORL II, IMF.) - (for all)

Bucharest, Viata Medicala, No 7, 1 Apr 63, pp 433-439.

"Comments on Congenital Deafness Caused by Maternal-Foetal Infections."

(4)

LAZEANU, M., dr; PANA, I., dr.; ZISSU, I., dr.; IONESCU, N., dr.

Otopathic fistulous paralabyrinthitis. (Clinical and radiological considerations). Otorinolaringologie (Bucur) 10 no.1: 41-47 Ja-Mr'65.

1. Lucrare efectuata in colaborare de catre clinicile de O.R.L. si radiologie ale F.P.S.M.F., Spitalul "Coltea", Bucuresti.

LAZEANU, Mihai , dr.

Considerations on the pathogenic and clinical significance of nephritogenic focal tonsillitis. Med. intern. 16 no.1:13-18 Ja'64.

1. Lucrare efectuata in Clinica de otorinolatingologie a Spitalului "Coltea", Bucuresti.

LAZEANU M. dr.; TETU-SBENGHE, Liliana, dr.; CEAUSU, Gh., dr.

Current view of the etiopathogenesis of recurrent paralysis. Otorinolatingologie (Bucur.) 9 no.4:289-296 O-D '64

1. Lucrare efectuata in Clinica a II-a de otorinolatingologie, Spitalul "Coltea", Bucuresti.

RACOVIANU, V. prof.; LAZEANU, M., dr.; [illegible], N., dr.; POP, V., dr.; PUNTEESCU, N., dr.; ANGHELIDE, R., dr.; HIDAN, Florica, dr.

Considerations on the principal methods of preventing deafness in children. Otorinolaringologie (Bucur) 10 no.1:78-80 Ja-Mr'65.

1. KHRZHANOVSKYY, V. H.; LAZERNA, A. M.

2. USSR 600

4. Roses - Europe, Eastern

7. Problem of the distribution of Rosa glauca Pourr. in Eastern Europe, Dop. AN URSR, No. 1, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KHRZHANOVS'KYY, V.H.; LAZEBNA, A.M.

Dog rose of the Carpathian region as a natural source for vitamin production. Bot.zhur.[Ukr.] 8 no.3:52-63 '51. (MLRA 6:9)
(Transcarpathia--Roses) (Roses--Transcarpathia) (Vitamins)

5 (2)

AUTHORS: Kustas, V. L., Lazebnaya, G. V. SOV/32-25-8-20/44

TITLE: Spectrum Analysis of Preparations of Rare Earths of the Cerium Group With Respect to Samarium

PERIODICAL: Zavodskaya laboratoriya, 1959, Vol 25, Nr 8, pp 958 - 959 (USSR)

ABSTRACT: The article contains a description of a spectrum method for the determination of samarium in compounds of cerium, lanthanum, praseodymium, and neodymium. The graphite electrode is prepared in a 3% polystyrene solution (in benzene) before use. One drop of 0.05 - 25% test solution is placed on the tip of the electrode and evaporated at 100° (Ref 5). The following were used: spectrograph DFS-3, generator DG-1 as exciter, photographic film of type III (sensitivity 4, 5.5 units of GOST) and type II (sensitivity 16 GOST units). The standard samples were prepared from 99.8 - 99.9% oxides of the concerned elements of the rare earths. The concentration was varied in the above-mentioned interval in dependence of the samarium content. The article lists the applied pairs of lines, determination intervals of the samarium concentration for the different basic substances (Table). The

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Spectrum Analysis of Preparations of Rare Earths of the Cerium Group With Respect to Samarium SOV/32-25-8-20/44

relative mean error at the samarium determination in cerium is ± 4.2%, in lanthanum ± 1.3%, in neodymium ± 2.5%, and in praseodymium ± 3.3%. There are 1 table and 5 references, 2 of which are Soviet.

Card 2/2

5.5310

77749
SOV/75-15-1-11/29

AUTHORS: Kustas, V. L., Lazebnaya, G. V.

TITLE: Spectral Determination of Rare Earth Admixtures in Samarium and Europium

PERIODICAL: Zhurnal analiticheskoy khimii, 1960, Vol 15, Nr 1, pp 57-60 (USSR)

ABSTRACT: Spectral determination of all rare earths and yttrium in samarium and europium oxides was studied. Determination was made in two stages: simultaneous determination of all cerium-group elements and simultaneous determination of all yyttrium-group elements. A drop of the test solution is placed on the graphite electrode (previously treated with 3% solution of polystyrene in benzene) and dried at 100°. Spectral excitation was made in an alternating current (10 a) arc. Grating spectrograph DFS-3 was used. Calibration graph solutions were prepared from pure

Card 1/6

Spectral Determination of Rare Earth Admixtures in Samarium and Europium

77749
SOV/75-15-1-11/29

oxides in following concentrations: For cerium group: 0.085, 0.033, 0.085, 0.0066, 0.0022% of La, Ce, Pr, Nd, Sm, and Eu; for the yttrium group: 0.111, 0.055, 0.011, 0.0055, 0.0027, 0.00027% of Gd, Dy, Tb, Ho, Er, Tu, Lu, Yb, and Y. Samarium and europium were employed as the inner standards. The selected pairs of analytical lines are given in the table.

Table A. (1) base; (2) element to be determined; (3) analytical lines; (4) concentration used (%); (5) samarium; (6) europium; (7) lanthanum; (8) cerium; (9) praseodymium; (10) neodymium; (11) gadolinium; (12) terbium; (13) dysposium; (14) holmium; (15) erbium; (16) ytterbium; (17) thulium; (18) lutetium; (19) yttrium.

Card 2/6

Spectral Determination of Rare Earth Admixtures in Samarium and Europium

77749
SOV/75-15-1-11/29

1	2	3	4
	7	La 4429,9 Sm 4425,8	0,01 —4,0
	8	Ce 4449,34 Sm 4442,58	0,03 —4,0
	9	Pr 4408,84 Sm 4408,04	0,03 —4,0
	10	Nd 4451,57 Sm 44[illegible]6,37	0,03 —4,0
	6	Eu 4435,6 Sm 4433,0	0,00 8—5,0
	11	Gd 3362,24 Sm 3361,44	0,01 —5,0
	12	Tb 3324,4 Sm 3322,7	0,01 —5,0
5	13	Dy 3393,58 Sm 3397,79	0,01 —5,0
	14	Ho 3398,98 Sm 3397,79	0,008 —5,0
	15	Er 3372,75 Sm 3372,32	0,002 —5,0
	16	Yb 3289,37 Sm 3286,57	0,0002—5,0
	17	Tu 3362,61 Sm 3361,64	0,002 —5,0
	18	Lu 3397,09 Sm 3397,79	0,01 —5,0
	19	Y 3242,28 Sm 3244,48	0,001 —5,0
	7	La 4429,9 Eu 4438,0	0,1 —4,0
	8	Ce 4449,34 Eu 4446,47	0,3 —4,0
	9	Pr 4408,84 Eu 4414,76	0,3 —4,0
	10	Nd 4451,57 Eu 4446,47	0,3 —4,0
	5	Sm 4433,8 Eu 4438,0	0,01 —4,0
6	11	Gd 3362,24 Eu 3357,04	0,01 —5,0
	12	Tb 3324,4 Eu 3327,04	0,01 —5,0
	13	Dy 3393,58 Eu 3394,03	0,01 —5,0
	14	Ho 3398,98 Eu 3394,03	0,008 —5,0
	15	Er 3370,75 Eu 3371,75	0,002 - 5,0
	16	Yb 3289,37 Eu 3288,57	0,0002—5,0
	17	Tu 3362,61 Eu 3357,04	0,002 —5,0
	18	Lu 3397,07 Eu 3394,03	0,01 —5,0
	19	Y 3242,28 Eu 3246,44	0,001 —5,0

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Spectral Determination of Rare Earth Admixtures in Samarium and Europium

77749
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The spectrograms obtained are given in Fig. 2 and 3. It was shown that rare earths in samarium and europium can be determined by the proposed method with an accuracy of 3-5% within concentration limits shown in the table. Only a small amount (5-10 mg) of the analyzed compound is required. There is 1 table; 3 figures; and 5 references, 2 U.S., 3 Soviet. The U.S. references are: Tasstl, V. A., Wilhelm, H. A., J. Opt. Soc. America, 38, 518 (1948); Tasstl, V. A., Cook, H. D., Spectrochim acta 5, 201 (1952).

SUBMITTED: February 12, 1959

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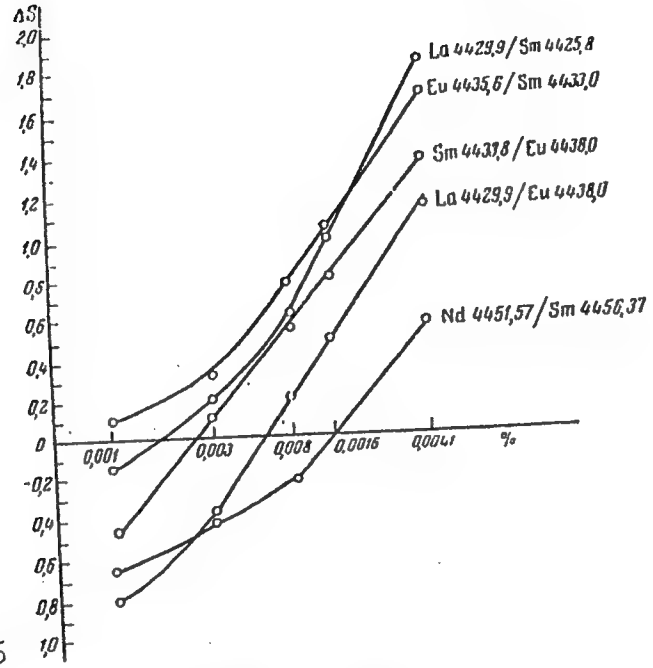
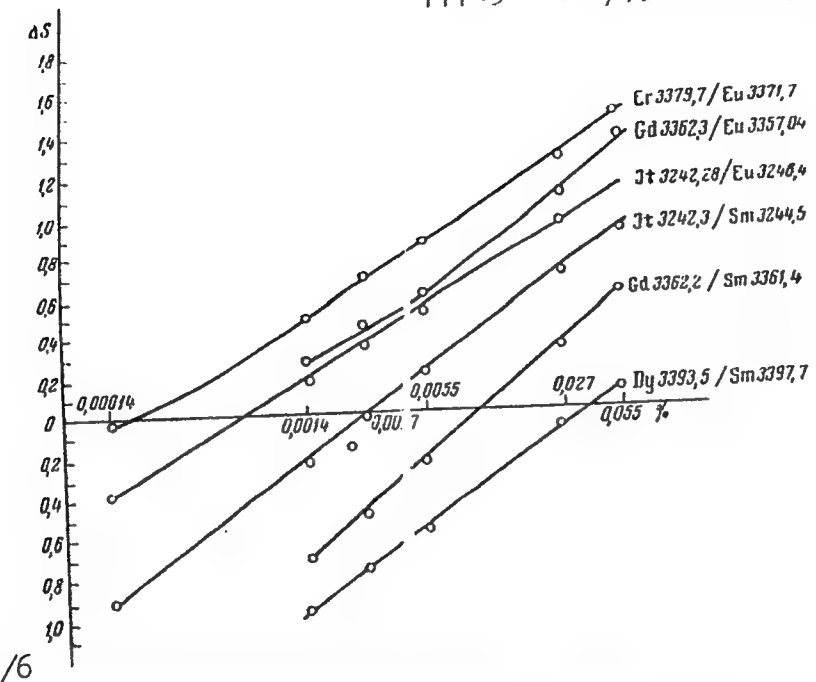
77749 SOV/75-15-1-11/29



Card 5/6

77749 SOV/75-15-1-11/29



Card 6/6

KUSTAS, V.L.; LAZEBNAYA, G.V.; ZAGORSKAYA, M.K.

Spectral determination of impurities in high purity lanthanum oxide after their concentration by the chromatographic method. Zhur. anal. khim. 18 no.1:99-102 Ja '63. (MIRA 16:4)

(Lanthanum oxide) (Rare earths—Spectra)

LAZEBNAYA, G.V.; SHEPETA, N.G.; KUSTAS, V.L.

Flame photometric determining of potassium, cesium and rubidium when present together. Prom.khim.reak. i osobo chist.veshch. no.2:70-74 '63. (MIRA 17:2)

I 12656-65 EWT(m)/EWP(b) AFWL/SSD/ESD(gs)/ESD(t) JD/MLK/JG

ACCESSION NR: AT4046121 S/0000/63/000/002/0078/0081

AUTHOR: Moskal'chuk, E. K.; Zyuzina, L. N.; Lazebnaya, G. V.

TITLE: Increasing the sensitivity of the determination of the mutual contamination of rare earth elements by the spectrochemical method

SOURCE: USSR. Gosudarstvennyy komitet khimicheskoy i neftyanoy promyshlennosti. Promyshlennost' khimicheskikh reaktivov i osobo chistykh veshchestv (Industry of chemical reagents and extra pure substances); informatsionnyy byulleten', no. 2. Moscow, IREA, 1963, 78-81

TOPIC TAGS: rare earth element, neodymium, europium, lanthanum, cerium, samarium, praseodymium, spectrochemical analysis, chromatographic enrichment, column chromatography

ABSTRACT: The authors describe a technique for increasing the sensitivity of the determination of rare earth elements in neodymium and europium by chromatographic enrichment. The direct spectral method makes it possible to determine La, Ce, Pr and Sm in neodymium at a sensitivity of 0.05-0.1%; after enrichment, the sensitivity can be increased to 0.005%. The conditions of enrichment are given and the spectral analysis data for the chosen neodymium fractions are tabulated. The percentage of praseodymium, neodymium and samarium in the analyzed

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L 12656-65

ACCESSION NR: AT4046121

neodymium oxide is determined by the formula $X = \frac{a \times 100}{v}$ %, where "a" is the total weight (g) of the element to be determined in the chosen fractions and "v" is the amount of neodymium oxide adsorbed to the resin. Tabulated data show that the sensitivity of the spectrochemical determination of rare earth elements in neodymium oxide is higher by one order of magnitude than that of the direct spectral determination. Even this sensitivity is unsatisfactory for the production of rare earth elements and their high-purity compounds, however, so that the investigation of the best enrichment conditions is being continued. Preliminary studies show that the amalgam reduction of europium, which cannot be enriched chromatographically, makes it possible to increase the sensitivity of the determination of samarium and neodymium in europium up to levels of 0.01%. Orig. art. has: 3 tables and 1 formula.

ASSOCIATION: none

SUBMITTED: 27Nov63 ENCL: 00 SUB CODE: IC, GC

NO REF SOV: 004 OTHER: 001

Card 2/2

L 19755-65 EPA(s)-2/EWT(m)/EWP(t)/EWP(b) Pt-10 IJP(c)/AEDC(b)/SSD/SSD(c)/AFWL/ASD(a)-5/RAEM(1)/RAEM(j)/ESD(gs)/ESD(t) JD/JG/MLK

ACCESSION NR: AT5000424 S/0000/64/000/000/0085/0087

AUTHOR: Lazebnaya, G.V., Romova, M.G., Chuchuyeva, R.

B+1

TITLE: Increasing the sensitivity of the flame-photometric determination of rubidium in cesium salts

27

SOURCE: Sibirskoye soveshchaniye po spektroskopii. 1st, Kemerovo, 1962. Spektroskopiya; metody* i primeneniye (Spectroscopy; methods and application). Doklady* soveshchaniya. Moscow, Izd-vo Nauka, 1964, 85-87

TOPIC TAGS: spectroscopy, flame photometry, rubidium determination

ABSTRACT: Using flame photometry, the authors determined rubidium in high-purity cesium chloride and cesium nitrate. The emission intensity of rubidium in the flame was increased 60-70% by the addition of 10 vol. % ethyl alcohol to the cesium salt solution; this made it possible to determine 0.001-0.0008% rubidium in the dry cesium salt. The behavior of the analytical lines of rubidium at 7800-7948 Å upon the addition of sodium chloride and ethyl alcohol was analyzed. On the basis of this study, the determination of rubidium was carried out by using the 7800 Å line. The method was checked by introducing known amounts of rubidium. The sensitivity achieved, 0.8-1 x 10^{-3}, is not the maximum attainable value. The authors suggest the use of certain

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L 19755-65

ACCESSION NR: AT5000424

instruments which will raise the sensitivity still further. Orig. art. has: 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 09 May64 ENCL: 00 SUB CODE: GC

NO REF SOV: 002 OTHER: 004

Card 2/2

L 19751-65 ENG(j)/EWT(m)/EPF(c)/EPR/EWP(b)/EWP(t) Pr-4/Ps-4 AEDC(b)/SSD/SSD(c)/AFWL/ASD(a)-5/RAEM(i)/RAEM(j)/ESD(gs)/ESD(t)/IJP(c) JD/JG/ MLK

ACCESSION NR: AT5000426 S/0000/64/000/000/0093/0095

B+1

AUTHOR: Moskal'chuk, E.K.; Lazebnaya, G.V.

TITLE: Spectrochemical analysis of high-purity cerium dioxide using concentration on chromatographic columns

18 27 27

SOURCE: Sibirskoye soveshchaniye po spektroskopii. 1st, Kemerovo, 1962. Spektroskopiya; metody* i primeneniye (Spectroscopy; methods and application). Doklady* soveshchaniya. Moscow, Izd-vo Nauka, 1964, 93-95

TOPIC TAGS: spectroscopy, column chromatography, cerium dioxide, rare earth impurity, lanthanum oxide, rare earth oxalate

ABSTRACT: In order to increase the sensitivity of the determination of rare-earth impurities in cerium dioxide and lanthanum oxide (oxides used in the manufacture of glass), the authors used samples enriched by chromatographic concentration of the impurities with ion-exchange columns. The sorbent used was the KU-2 resin. The best desorbent for cerium dioxide was found to be trilon B (0.5% solution, pH 4.5). The experiments were carried out with neodymium, praseodymium, and samarium. The eluted fractions were collected in amounts of 50-100 ml, and the rare earths were

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L 19751-65

ACCESSION NR: AT5000426

precipitated with a saturated solution of oxalic acid. The precipitate of oxalates was ignited, weighed, and analyzed for the content of neodymium, praseodymium, and samarium. In the spectral analysis, the following analytical pairs were used: Pr 4225.33 - Ce 4224.58 Å; ND 4451.57 - Ce 4460.97 Å; Sm 4433.81 - Ce 4436.31 Å. Results show that the relative error of the method was ± 4-8%. This technique of analysis of cerium dioxide permits the determination of rare earths (Pr, Nd, Sm) present in amounts of 0.001-0.005%, and can be used under plant laboratory conditions. Orig. art. has: 1 formula.

ASSOCIATION: none

SUBMITTED: 09May64 ENCL: 00 SUB CODE: IC, GC

NO REF SOV: 000 OTHER: 000

Card 2/2

LAZEBNIK, A.I.; MANUSOV, Ye.B.

Controlling botch-type reactors for the production of condensation resins. Khim. prom. 40 no.12:894-898 D '64.

(MIRA 18:2)

21(8) PHASE I BOOK EXPLOITATION

Vsesoyuznoye soveshchaniye po primeneniyu radioactivnykh i stabil'nykh izotopov i izlucheniy v nauke i tekhnike. Moscow, 1957.

Trudy... Mashinostroyeniye i priborostroyeniye (Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science; Machine and Instrument Manufacturing) Moscow, Izd-vo AN SSSR, 1958. 358 p. 4,500 copies printed.

Sponsoring Agencies: USSR. Glavnoye upravleniye po ispol'zovaniyu atomnoy energii, and Akademiya nauk SSSR.

Editorial Board of Set: V.I. Dikushin, Academician (Resp. Ed.), N.N. Shumilovskiy (Deputy Resp. Ed.), Yu. S. Zaslavskiy (Deputy Resp. Ed.), L.K. Tatochenko, B.I. Verkhovskiy, S.T. Nazarov, L.I. Petrenko, and N.G. Zelevinskaya (Secretary).

Ed. of Publishing House: P.N. Belyanin; Tech. Ed.: T.P. Poleneva.

PURPOSE: This book is intended for specialists in the field of machine and instrument manufacture who use radioactive isotopes in the study of materials and processes.

COVERAGE: This collection of papers covers a very wide field of the utilization of tracer methods in industrial research and control techniques. The topic of this volume is the use of radioisotopes in the machine- and instrument-manufacturing industry. The individual papers discuss the applications of radioisotope techniques in the study of metals and alloys, problems of friction and lubrication, metal cutting, engine performance, and defects in metals. Several papers are devoted to the use of radioisotopes in the automation of industrial processes, recording and measuring devices, quality control, flowmeters, level gauges, safety devices, radiation counters, etc. These papers represent contributions of various Soviet institutes and laboratories. They were published as transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, April 4-12, 1957. No personalities are mentioned. References are given at the end of most of the papers.

LAZEBNIK, B.D.

LAZEBNIK, B. D.

PHASE I BOOK EXPLOITATION SOV/5116

Akademiya nauk SSSR. Institut mashinovedeniya

Instrumental'nye rezhushchiye materialy (Cutting-Tool Materials)
Moscow, Izd-vo AN SSSR, 1960. 157 p. 6,000 copies printed.

Resp. Ed.: A. I. Isayev, Doctor of Technical Sciences, Professor;
Ed. of Publishing House: G. B. Gorshkov; Tech. Ed.: N. F. Ingerova.

PURPOSE: This collection of articles is intended for scientific personnel and production engineers engaged in the manufacture and use of cutting tools.

COVERAGE: The collection contains papers read at a seminar on cutting-tool materials organized and sponsored by the Komissiya po tekhnologii mashinostroyeniya (Commission on Processing in Machine Building). The seminar investigated the cutting properties of ceramic and carbide tool materials, the effect of temperature on cutting edges, the problem of wear, and the possibility of using cutting tools more efficiently. No personalities are mentioned. References accompany each article. There are 81 references: [illegible] and 5 English.

AVAILABLE: Library of Congress VK/wrs/fal 5-15-61

Card 3/3

(9)

LAZEBNIK, G., inzh.

Designing and calculating thin anchored supporting walls. Prom.-stroi. i inzh.soor. 3 no.2:46-51 Mr-Ap '61. (MIRA 15:3)
(Walls)

TSINKER, G.P., inzhener; LAZEBNIK, G.Ye.

Wharf structures for river ports. Rech.transp. 15 no.7:21 Jl '56. (Wharves) (MIRA 9:9)

LAZEBNIK, G. Ye.

Cand Tech Sci - (diss) "Studies of buttress grooved anchored walls of hydraulic installations." Odessa, 1961. 24 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Odessa Construction Engineering Inst); 200 copies; price not given; bibliography at end of text (14 entries); (KL, 7-61 sup, 239)

LAZEBNIK, G.Ye.; SMIRNOV, A.A.

Measuring pressure under rigid foundation blocks in field conditions. Osn., fund. i mekh.grun. 6 no.2:1-6 '64.
(MIRA 17:4)

CHERNYSHEVA, Ye.I., inzh.; LAZEBNIK, G.Ye., kand.tekhn.nauk

Measuring stresses and deformations in models of pile supporting walls. Stroi. konstr. no.2:176-186 '65.

(MIRA 18:12)

1. Institut gidrologii i gidrotekhniki AN UkrSSR i Nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy gosstroya SSSR, Kiyev.

LAZEBNIK, G.Ye., kand.tekhn.nauk

New elements for gauges and requirements of a gauge to measure compressing stresses in soils under foundations. Stroi.konstr. no.2:186-197 '65. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy Gosstroya SSSR, Kiyev.

25(1)

SOV/112-59-4-7891

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 211 (USSR)

AUTHOR: Lazebnik, I. L., and Khotmakher, G. A.

TITLE: Uses of Caprone in the Radio-Manufacturing Industry

PERIODICAL: Radiotekhn. proiz-vo, 1957, Nr 13, pp 37-39

ABSTRACT: Experimental manufacturing of items cast from caprone is reported. The items possess high physical properties and can be widely used in radio and electronics. Different hardnesses can be imparted to the product depending on casting conditions of the same material. Casting into cold molds (running-water cooled) results in an elastic product. Casting into the same molds pre-heated to 70-80°C with a subsequent slow (air) cooling results in a harder product. Several remeltings of caprone change its color from milky-white to gray. Wear-resistance tests of caprone showed that it works in well and that subsequently it possesses a very high wear resistance. For this reason, caprone is recommended for use in bearings that have a small specific

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Uses of Caprone in the Radio-Manufacturing Industry SOV/112-59-4-7891

pressure. A principal drawing of a syringe for caprone casting is presented. For casting, the caprone should be heated to 265-300°C. It is recommended that the heated caprone mass be processed very quickly because at high temperatures, caprone thermal decomposition occurs.

N.G.K.

Card 2/2

BURKSER, Ye.S.; MITSKEVICH, B.F.; LAZEBNIK, K.I.

Germanium in granitoids of the Ukrainian crystalline shield. Geokhimiia no.6:515-520 '61. (MIRA 14:6)

1. Institute of Geological Sciences, Academy of Sciences of the Ukrainian Soviet Socialist Republic, Kiyev.
(Ukraine--Rocks, Igneous)
(Germanium)

MITSKEVICH, B.F. [Mitskevych, B.F.]; LAZEBNIK, K.I. [Lazebnykh, K.I.]

Germanium in the rocks of the Ukrainian Crystalline Shield. Geol. zhur. 22 no.2:105-109 '62. (MIRA 15:4)

1. Institut geologicheskikh nauk AN USSR.
(Dnieper Valley--Germanium)

BURKSER, Ye.S.; LAZEBNIK, K.I.; ALEKSEYEVA, K.N.

Germanium content in stone meteorites. Meteoritika no.22: 94-96 '62. (MIRA 15:8)

(Meteorites) (Germanium)

DELYAGIN, Nikolay Nikitich; LAZEBNIK, L.Ye., red.; KLEYMENOVA, K.F., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Tarwater control at gas producer plants] Vodosmolianoe khoziaistvo gazogeneratornykh stantsii; opyt ekspluatatsii. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 86 p. (MIRA 12:10)
(Water--Purification) (Gas manufacture and works)

LAZEBNIK, M., inzh.

Efficient piling methods. Stroi.i arkhit. 8 no.6:29-30 Je '60. (MIRA 13:6)

(Piling (Civil engineering))

LAZEBNIK, M.; PETRENKO, G.

Determining the bearing capacity of piles. Rech. transp. 20 no.8: 42-43 Ag '61. (MIRA 14:10)

(Piling (Civil engineering))

SHIROKOV, A.Z. [Shyrokov, O.Z.]; LAZEBNIK, P.V. [Lazebnyk, P.V.]; SEDENKO, S.M.

One aspect of the problem of the germanium potential of coal. Geol. zhur. 24 no.5:100-102 '64. (MIRA 17:12)

1. Otdeleniye gornorudnykh problem Instituta elektrotekhniki AN UkrSSR.

Khol.tekh.

LAZEBNIK, V. (selo Krasnoborsk, Arkhangel'skoy oblasti).

How we preserve forests. Grazhd. av. 12 no.7:34 Jl '55. (MIRA 11:6)

(Aeronautics in forestry)

LAZEBNIK, V.V. [Lazebnyk, V.V.], MOLCHANOVA, L.P.

Spectroscopic method for determining ferric oxide in sand. Leh. prom. no.1:63-65 Ja-Mr '65. (MIRA 18:4)

BARMASHENKO, I.B., kand.tekhn.nauk; IGNATENKO, O.Kh. [Ihnatenko, O.Kh.], kand. tekhn.nauk; VRZHOSEK, G.G. [Vrzhosek, H.H.], kand.tekhn.nauk; LAZEBNIK, V.V.

Oxidation of aluminum spray coating on porcelain and its imitation gold finishing. Leh.prom. no.3:34-40 Je - Ag '62. (MIRA 16:2)

1. Kiyevskiy politekhnicheskiy institut (for Barmashenko, Ignatenko, Vrzhosek). 2. Ukrainskiy nauchno-issledovatel'skiy institut stekol'noy i farforo-fayansovoy promyshlennosti (for Lazebnik).
(Aluminum) (Oxidation) (China painting)

LAZEBNIKOV, M., gvardii podpolkovnik

Admission in the CPSU and the party commission. Komm. Vooruzh. Sil 4 no.8:46-49 Ap '64. (MIRA 17:6)

ZINKOVSKIY, B., podpolkovnik; LAZEBNIKOV, M., inzh.-podpolkovnik

Preparing routes during unfavorable weather conditions. Voen. vest. 41 no.4:91-93 Ap '62. (MIRA 15:4)
(Transportation, Military) (Military field engineering)

LAZEBNIKOV, M.

LAZEBNIKOV, M., inzhener-podpolkovnik.

Testing the passability of bogs and marshy areas. Voen-inzh.zhur. 101 no.9:27-29 S '57. (MLRA 10:9)

(Swamps)

LAZEBNIKOV, M., kand.tekhn.nauk, inzhener-podpolkovnik

Crossing swampy areas. Voen.vest.40 no.10:70-72 O '60. (MIRA 14:5)

(Transportation, Military)

LAZEBNIKOV, M., inzhener-podpolkovnik

How to determine the passability of a frozen swamp. Voen. vest. 41 no.3:93-94 Mr '62. (MIRA 15:4)
(Tanks (Military science)--Cold weather operation)

ZUSSER, A.P., inzh.; LAZEBNIKOV, M.B.; KUBAREV, G.N.

Using tipping forms in making precast reinforced concrete fences [Suggested by A.P.Zusser, M.B.Lazebnikov, G.N.Kubarev] Rats. i izobr. predl. v stroi. no.6:30-32 '58. (MIRA 11:10)
(Fences) (Concrete construction--Formwork)

LAZEBNIKOV, M.G.

LAZEBNIKOV, M.G., kandidat tekhnicheskikh nauk

Experiment in making up sand and cement surfacings. Avt.dor.18 no.4:8-9 Jl-Ag'55. (MIRA 8:11)
(Road materials)

LAZEBNIKOV, M.G., kandidat tekhnicheskikh nauk

Experience in using precast concrete slab roadways. Avt.dor.18 no.5:15-16 S'55. (MIRA 9:1)
(Roads, Concrete)

LAZEBNIKOV, Moisey Grigor'yevich, inzhener-podpolkovnik, kand.tekhn.nauk; STALYUK, N.A., red.; MEZHERITSKAYA, N.P., tekhn.red.

[Maneuverability of automobiles in soil and snow] O prokhodimosti avtomobilei po gruntovoi i snezhnoi tseline. Moskva, Voen. izd-vo M-va obor. SSSR, 1958. 157 p. (MIRA 11:7)
(Automobiles) (Military roads)

LAZEBNIKOV, M.G., kand. tekhn. nauk; PIVEN', S.P., kand. tekhn. nauk

Road construction with a high-strength concrete pavement.
Avt. dor. 27 no.7:14-15 Jl '64. (MIRA 17:12)

LAZEBNIKOV, M.G.; PIVEN', S.P.

Car-testing roads. Avt.dor. 28 no.11:9-10 N '65. (MIRA 18:12)

S/194/61/000/012/046/097
D256/D303

AUTHORS: Lazebnikov, M. G., Ferronskiy, V. I. and Selivanov, L. V.

TITLE: Measuring soil density by means of gamma-rays

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 28, abstract 12V238 (Avtomob. dorogi, 1961, no. 3, 24-25)

TEXT: A field soil gamma-densitometer is described for rapid measurements of soil density. The system of the instrument is based upon passing the gamma-rays through a layer of soil placed between the source and the detector, the recorded intensity being dependent upon the soil density. The described instrument comprises an integrator with a 100 μA microammeter measuring the grid current of a triode tube, whose anode potential depends upon charging a capacitor by current from a gamma-ray counter-tube. It is possible with the described instrument to determine the soil density at depths down to 25 cm without destroying its structure. The accuracy

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of the instrument is approximately ± 0.03 g/cm^3. Two different constructions of the instrument are described: Fork-and feeler rod-shaped. The basic electronic diagrams and the systems of construction for both types of instruments are given. There are 3 figures. /Abstractor's note: Complete translation./

LAZEBNIKOV, VLADIMIR

Czechoslovakia/Analytical Chemistry - Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61823

Author: Lazebnikov, Vladimir

Institution: None

Title: Fastest Procedure for Determining Magnesium in Aluminum Alloys

Original Periodical: Nejkratsi stanoveni horciku v hlinikovych slitinach. Hutnik (Praha), 1955, 5, No 12, 377-378; Czech

Abstract: Weighed sample of 1 g dissolved in 20 ml 25% NaOH, solution diluted to 150 ml and 1 ml of 3% H_2O_2 added. Residue filtered off and dissolved in 10 ml HNO_3 (1:1) and 2 ml H_2O_2. Filter washed 2-3 times with water, filtrate evaporated to 10 ml and there are added thereto 5 ml conc. HNO_3, 4 g $KClO_3$ after which it is boiled for 3 minutes on sand bath (130°). Mixture diluted to 50 ml and MnO_2 filtered off. Filtrate diluted to 150 ml and there are added thereto 0.5 g citric acid, 20 ml 25% solution NH_4Cl, 20 ml 20% solution $(NH_4)_2HPO_4$ after which it is neutralized with NH_4OH (I) to phenolphthalein.

Card 1/2

Czechoslovakia/Analytical Chemistry - Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61823

Abstract: After boiling 1 minute added 50 ml I and after passing for 5-10 minutes a current of air through it the $MgNH_4PO_4 \cdot 6H_2O$ is filtered off. Precipitate washed with water containing 3% I, then with acetone, dried for 2 minutes in vacuum-desiccator. With <0.2% Mg in alloy a 2 g sample is used, with >3% Mg a 0.5 g sample. Duration of analysis 1 hour.

Card 2/2

LAZEBNIKOV, Yu.S., inzh.

Determining operational costs in planning narrow-gauge railroads which will use diesel locomotives. Trudy MIIT no.118:145-158 '58. (MIRA 12:2)

(Railroads, Narrow-gauge--Cost of operation)
(Diesel locomotives)

LAZEBNIKOV, Yu.S., inzh.

Most advantageous train weights and locomotive capacities in planning narrow-gauge railroads which will use diesel locomotives. Trudy MIIT no.118:159-181 '58. (MIRA 12:2)

(Railroads, Narrow-gauge) (Diesel locomotives)

LAZEBNIKOV, Yu. S., Candidate Tech Sci (diss) -- "Basic aspects of designing narrow-gauge railroad lines with steam-engine traction". Moscow, 1959. 15 pp (Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers im I. V. Stalin), 150 copies (KL, No 25, 1959, 134)

DZHGAMADZE, O.V., kand.tekhn.nauk; LAZEBNIKOV, Yu.S., kand.tekhn.nauk; LEBEDEV, A.I., kand.tekhn.nauk; GADEVAL'DT, V.V., inzh.; OZERSKIY, S.Z., inzh.

"Problems in planning of railroads with electric and diesel traction" by [prof.] A.I.Ionnisian and others. Reviewed by O.V.Dzhgamadze and others. Transp. stroi. 10 no.11:59-60 N '60. (MIRA 13:11)

(Railroad engineering) (Ioannisian, A.I.)
(Gorinov, A.V.) (Akimov, V.I.) (Kantor, I.I.)
(Kondratchenko, A.P.) (Savchenko, M.E.) (Turbin, I.V.)

LAZEBNIKOV, Yu.S., kand.tekhn.nauk, dotsent

Economic evaluation of the coefficient of irregularity in the handling of freight transportation. Trudy NIIZHT no.25: 117-133 '61. (MIRA 16:11)

KOZHEVNIKOV, A.N.; LAZEBNIKOV, Yu.S., dots.; MIROSHNIK, B.Ye., dots.; SHADRIN, N.A., prof.; Prinimali uchastiye: SUBBOTIN, B.K., st. prepod.; VOROTNIKOV, V.I., dots.; ANPILOGOV, R.G., retsenzent; ALEKSEYEV, V.B., retsenzent; LYUBOMUDROV, A.P., retsenzent; CHERNOV, P.N., retsenzent; PESKOVA, L.N., red.; BOBROVA, Ye.N., tekhn. red.;

[Economics of railroad engineering] Ekonomika zheleznodorozhnogo stroitel'stva. [By] A.N.Kozhevnikov i dr. Moskva, Transzheldorizdat, 1963. 242 p. (MIRA 17:1)

LAZEBNIKOV, Yu.S., dotsent, kand.tekhn.nauk; SIDOROVICH, Ye.A., inzh.

Determining the economic efficiency of the construction of railroad lines (based on the example of the Artyshta-Altayskaya line). Trudy NIIZHT no.33:108-122 '63. (MIRA 17:3)

VORONIN, M.I., dotsent; GRYAZNOV, V.I., dotsent; KETLER, V.O., dotsent; PRASOV, L.Z., dotsent; VOZNESENSKIY, G.D., dotsent, kand.tekhn.nauk; ZHABOTINSKAYA, L.A., dotsent, kand.tekhn.nauk; ISA[illegible] [illegible].M., dotsent, kand.tekhn.nauk; LAZEBNIKOV, Yu.S., dotsent, kand tekhn nauk; PROTSENKO, A.I., assistent

Manual on the design of railroads. Transp. stroi. 24 no.6:57-59 Je '64.

Through the pages of foreign magazines. Ibid.:55-56

(MIRA 18:2)

1. Leningradskiy ordena Lenina institut inzhenerov zheleznodorozhnogo transporta imeni akademika V.N.Obraztsova (for Voronin, Gryaznov, Ketler, Prasov). 2. Novosibirskiy institut inzhenerov zheleznodorozhnogo transporta (for Voznesenskiy, Zhabotinskaya, Isakov, Lazebnikov, Protsenko).